INPUT SET: S24905.raw

> This Raw Listing contains the General
> Information Section and up to the first 5 pages.

```
 1                          SEQUENCE LISTING
 2
 3    (1)    General Information:
 4                                                      Does Not Comply
 5         (i) APPLICANT:      Adermann, Knut        Corrected Diskette Needed
 6                             Hock, Dieter
 7                             Magerlein, Markus
 8
 9        (ii) TITLE OF INVENTION: Peptides from the hPTH Sequence
10
11       (iii) NUMBER OF SEQUENCES: 36
12
13        (iv) Correspondence Address:
14                (A) ADDRESSEE: Jones & Askew, LLP
15                (B) STREET: 191 Peachtree Street, 37th Floor
16                (C) CITY: Atlanta
17                (D) STATE: Georgia
18                (E) COUNTRY: USA
19                (F) ZIP: 30303
20
21         (v) COMPUTER READABLE FORM:
22                (A) MEDIUM TYPE: Floppy disk
23                (B) COMPUTER: IBM PC compatible
24                (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25                (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
26
27        (vi) CURRENT APPLICATION DATA:
28                (A) APPLICATION NUMBER: PCT/EP95/03757
29                (B) FILING DATE: 29 SEPT 1994
30                                              (vii) PRIOR APP DATA:
31       (vii) ATTORNEY/AGENT INFORMATION:
32                (A) NAME:  FROST, ROGER T.
33                (B) REGISTRATION NUMBER:  22,176
34                (C) REFERENCE/DOCKET NUMBER: 07826-0007
35
36      (viii) TELECOMMUNICATION INFORMATION:
37                (A) TELEPHONE:  404-818-3700
38                (B) TELEFAX:  404-818-3799
39
40
41    (2) INFORMATION FOR SEQ ID NO: 1:
42
43         (i) SEQUENCE CHARACTERISTICS:
44                (A) LENGTH: 10 amino acids
45                (B) TYPE: amino acid
46                (C) STRANDEDNESS: unknown
```

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/817,547A*

INPUT SET: S24905.raw

```
47                    (D) TOPOLOGY: unknown
48
49        (ii) MOLECULE TYPE: peptide
50
51      (iii) HYPOTHETICAL: no
52
53       (iv) ANTI-SENSE: no
54
55
56
57        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
58
59         Ser Val Ser Glu Ile Gln Leu Met His Asn
60         1               5                   10
61
62   (2) INFORMATION FOR SEQ ID NO: 2:
63
64   (i) SEQUENCE CHARACTERISTICS:
65               (A) LENGTH: 9 amino acids
66               (B) TYPE: amino acid
67               (C) STRANDEDNESS: unknown
68               (D) TOPOLOGY: unknown
69
70        (ii) MOLECULE TYPE: peptide
71
72      (iii) HYPOTHETICAL: no
73
74       (iv) ANTI-SENSE: no
75
76
77
78   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
79
80         Ser Val Ser Glu Ile Gln Leu Met His
81         1               5
82
83   (2) INFORMATION FOR SEQ ID NO: 3:
84
85   (i) SEQUENCE CHARACTERISTICS:
86               (A) LENGTH: 8 amino acids
87               (B) TYPE: amino acid
88               (C) STRANDEDNESS: unknown
89               (D) TOPOLOGY: unknown
90
91        (ii) MOLECULE TYPE: peptide
92
93      (iii) HYPOTHETICAL: no
94
95       (iv) ANTI-SENSE: no
96
97
98
99   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
```

```
153
154        (ii) MOLECULE TYPE: peptide
155
156       (iii) HYPOTHETICAL: no
157
158        (iv) ANTI-SENSE: no
159
160
161
162   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
163
164        Ser Val Ser Glu Ile
165        1                 5
166
167   (2) INFORMATION FOR SEQ ID NO: 7:
168
169   (i) SEQUENCE CHARACTERISTICS:
170             (A) LENGTH: 10 amino acids
171             (B) TYPE: amino acid
172             (C) STRANDEDNESS: unknown
173             (D) TOPOLOGY: unknown
174
175        (ii) MOLECULE TYPE: peptide
176
177       (iii) HYPOTHETICAL: no
178
179        (iv) ANTI-SENSE: no
180
181
182
183   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
184
185        His Asn Leu Gly Lys His Leu Asn Ser Met
186        1                 5                   10
187
188   (2) INFORMATION FOR SEQ ID NO: 8:
189
190   (i) SEQUENCE CHARACTERISTICS:
191             (A) LENGTH: 9 amino acids
192             (B) TYPE: amino acid
193             (C) STRANDEDNESS: unknown
194             (D) TOPOLOGY: unknown
195
196        (ii) MOLECULE TYPE: peptide
197
198       (iii) HYPOTHETICAL: no
199
200        (iv) ANTI-SENSE: no
201
202
203
204   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
205
```

```
206        Asn Leu Gly Lys His Leu Asn Ser Met
207          1                 5
208
209    (2) INFORMATION FOR SEQ ID NO: 9:
210
211    (i) SEQUENCE CHARACTERISTICS:
212                (A) LENGTH: 8 amino acids
213                (B) TYPE: amino acid
214                (C) STRANDEDNESS: unknown
215                (D) TOPOLOGY: unknown
216
217        (ii) MOLECULE TYPE: peptide
218
219       (iii) HYPOTHETICAL: no
220
221        (iv) ANTI-SENSE: no
222
223
224
225    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
226
227          Leu Gly Lys His Leu Asn Ser Met
228          1                 5
229
230    (2) INFORMATION FOR SEQ ID NO: 10:
231
232    (i) SEQUENCE CHARACTERISTICS:
233                (A) LENGTH: 7 amino acids
234                (B) TYPE: amino acid
235                (C) STRANDEDNESS: unknown
236                (D) TOPOLOGY: unknown
237
238        (ii) MOLECULE TYPE: peptide
239
240       (iii) HYPOTHETICAL: no
241
242        (iv) ANTI-SENSE: no
243
244
245
246    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
247
248          Gly Lys His Leu Asn Ser Met
249          1                 5
250
251    (2) INFORMATION FOR SEQ ID NO: 11:
252
253    (i) SEQUENCE CHARACTERISTICS:
254                (A) LENGTH: 6 amino acids
255                (B) TYPE: amino acid
256                (C) STRANDEDNESS: unknown
257                (D) TOPOLOGY: unknown
258
```

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/08/817,547A*

DATE: 04/10/98
TIME: 15:02:29

INPUT SET: S24905.raw

Line	Error	Original Text
28	Wrong application Serial Number	(A) APPLICATION NUMBER: PCT/EP95/03757

```
100
101          Ser Val Ser Glu Ile Gln Leu Met
102          1               5
103
104    (2) INFORMATION FOR SEQ ID NO: 4:
105
106    (i) SEQUENCE CHARACTERISTICS:
107               (A) LENGTH: 7 amino acids
108               (B) TYPE: amino acid
109               (C) STRANDEDNESS: unknown
110               (D) TOPOLOGY: unknown
111
112       (ii) MOLECULE TYPE: peptide
113
114      (iii) HYPOTHETICAL: no
115
116       (iv) ANTI-SENSE: no
117
118
119
120    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
121
122          Ser Val Ser Glu Ile Gln Leu
123          1               5
124
125    (2) INFORMATION FOR SEQ ID NO: 5:
126
127    (i) SEQUENCE CHARACTERISTICS:
128               (A) LENGTH: 6 amino acids
129               (B) TYPE: amino acid
130               (C) STRANDEDNESS: unknown
131               (D) TOPOLOGY: unknown
132
133       (ii) MOLECULE TYPE: peptide
134
135      (iii) HYPOTHETICAL: no
136
137       (iv) ANTI-SENSE: no
138
139
140
141    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
142
143          Ser Val Ser Glu Ile Gln
144          1               5
145
146    (2) INFORMATION FOR SEQ ID NO: 6:
147
148    (i) SEQUENCE CHARACTERISTICS:
149               (A) LENGTH: 5 amino acids
150               (B) TYPE: amino acid
151               (C) STRANDEDNESS: unknown
152               (D) TOPOLOGY: unknown
```

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 08/812,547A

CRF Processing Date: 4/10/98
Edited by: _____
Verified by: _____ (STIC staff)

#10 /CFR
05/18/98

ENTERED

- [ ] Changed a file from non-ASCII to ASCII

- [ ] Changed the margins in cases where the sequence text was "wrapped" down to the next line.

- [ ] Edited a format error in the Current Application Data section, specifically: _____

- [✓] Edited the Current Application Data section with the actual current number. The number inputted by the applicant was [✓] the prior application data; or [ ] other _____.

- [ ] Added the mandatory heading and subheadings for "Current Application Data".

- [ ] Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

- [ ] Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

- [ ] Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

- [ ] Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____

- [ ] Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

- [ ] Inserted colons after headings/subheadings. Headings edited included: _____

- [ ] Deleted extra, invalid, headings used by an applicant, specifically: _____

- [ ] Deleted: [ ] non-ASCII "garbage" at the beginning/end of files; [ ] secretary initials/filename at end of file; [ ] page numbers throughout text; [ ] other invalid text, such as _____ .

- [ ] Inserted mandatory headings, specifically: _____

- [ ] Corrected an obvious error in the response, specifically: _____

- [ ] Edited identifiers where upper case is used but lower case is required, or vice versa.

- [ ] Corrected an error in the Number of Sequences field, specifically: _____

- [ ] A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- [ ] Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

- [ ] Other: _____
_____
_____
_____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95